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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Attorney Docket No.: Poly-50/APP

Applicants: Stephen ARNOLD, et al.

Serial No.: 10/768,977

Confirmation No.: 4537

Filing Date: January 30, 2004

Title: DNA OR RNA DETECTION AND/OR QUANTIFICATION USING  
SPECTROSCOPIC SHIFTS OF TWO OR MORE OPTICAL CAVITIES

Examiner: Robert Thomas Crow

Group Art Unit: 1634

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**ELECTION WITH AMENDMENT**

In response to the Office Action mailed on August 14, 2009 (Paper No. 20090811), which set a period for response to expire on September 14, 2009, that period being extended two months to expire on November 14, 2009, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.